

INTERNATIONAL SEARCH REPORT

PCT/IB Application No.

PCT/IB 03/50001

21 MAR 2005

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 H04N7/20 H04H1/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 H04N H04H

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 740 434 A (TELEVES SA) 30 October 1996 (1996-10-30) page 4, line 15 -page 10, line 19 ---	1-11
Y	US 5 073 930 A (GREEN JAMES A ET AL) 17 December 1991 (1991-12-17) column 9, line 19 -column 24, line 15 ---	1-11
Y	US 4 608 710 A (SUGIURA TOSHIHIRO) 26 August 1986 (1986-08-26) column 1, line 40 -column 2, line 51 ---	1-11
Y	DE 40 12 657 A (COMTEC AG) 24 October 1991 (1991-10-24) column 2, line 12 -column 2, line 56 ---	1-11
		-/-

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority, claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

1 December 2003

Date of mailing of the International search report

20/01/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
 NL - 2280 HV Rijswijk
 Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
 Fax: (+31-70) 340-3016

Authorized officer

Luckett, P

INTERNATIONAL SEARCH REPORT

Inte Application No
PCT/IB 03/50001

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	DE 93 06 499 U (HIRSCHMANN GMBH) 8 July 1993 (1993-07-08) page 1, line 4 -page 9, line 8 ----	1-11
A	EP 0 582 023 A (FRITZ FISCHER ELEKTRONIK) 9 February 1994 (1994-02-09) cited in the application the whole document ----	1-11
A	CHANG-HO LEE ET AL: "GaAs MESFET dual-gate mixer with active filter design for Ku-band applications" RADIO FREQUENCY INTEGRATED CIRCUITS (RFIC) SYMPOSIUM, 1999 IEEE ANAHEIM, CA, USA 13-15 JUNE 1999, PISCATAWAY, NJ, USA, IEEE, US, 13 June 1999 (1999-06-13), pages 203-206, XP010358982 ISBN: 0-7803-5604-7 page 203 -page 206 -----	1-11

INTERNATIONAL SEARCH REPORT

Intern.	Application No
PCT/IB 03/50001	

Patent document cited in search report	Publication date		Patent family member(s)		Publication date
EP 0740434	A	30-10-1996	ES DE DE DK EP ES	1030963 U1 29607766 U1 59600261 D1 740434 T3 0740434 A1 2122740 T3	01-11-1995 05-09-1996 16-07-1998 01-02-1999 30-10-1996 16-12-1998
US 5073930	A	17-12-1991	AU CA EP WO	6610490 A 2066268 A1 0595797 A1 9106159 A1	16-05-1991 20-04-1991 11-05-1994 02-05-1991
US 4608710	A	26-08-1986	JP	59015335 A	26-01-1984
DE 4012657	A	24-10-1991	DE	4012657 A1	24-10-1991
DE 9306499	U	08-07-1993	DE	9306499 U1	08-07-1993
EP 0582023	A	09-02-1994	EP	0582023 A1	09-02-1994